

Fig.1

FOOT 8209001

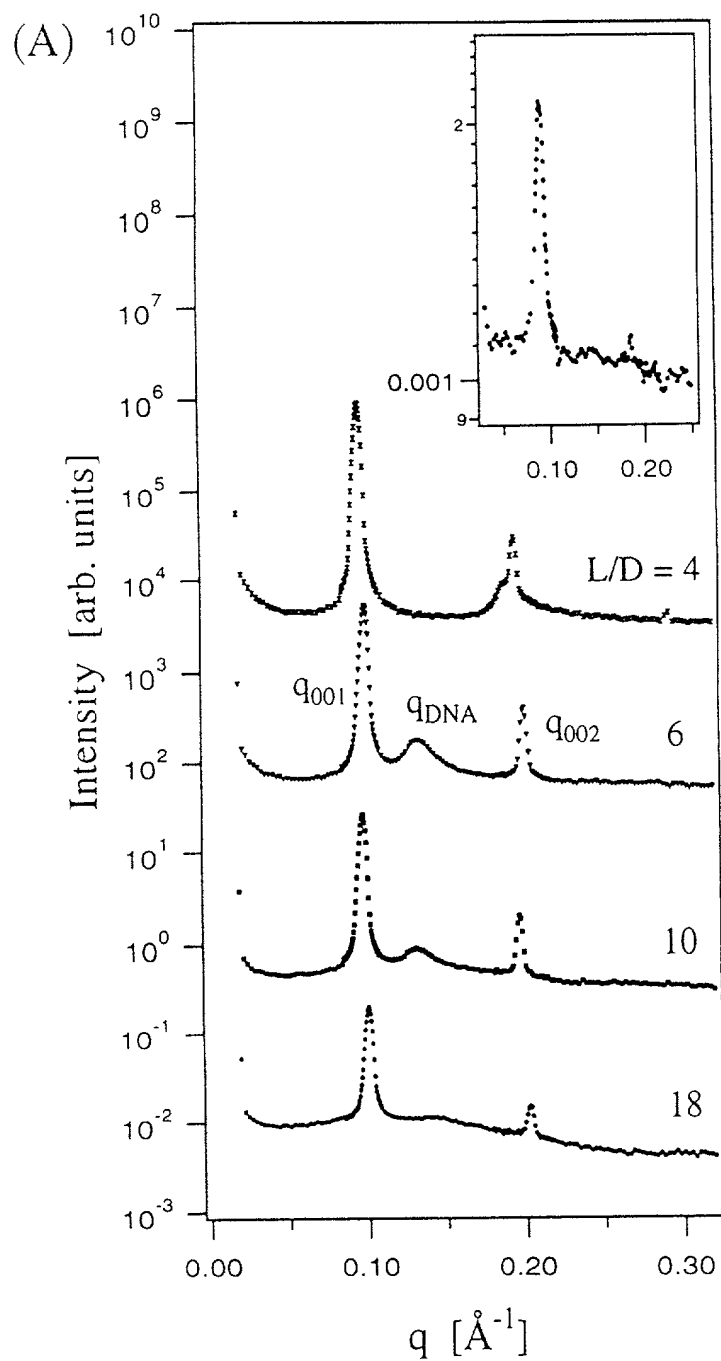


Figure 2(A)

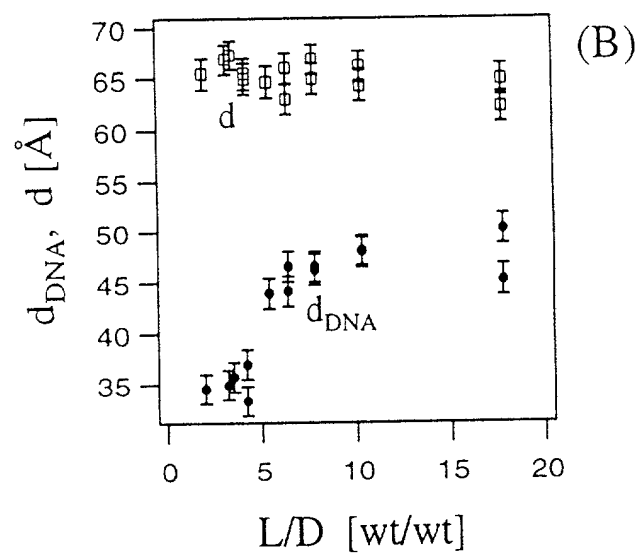


Figure 2(B)

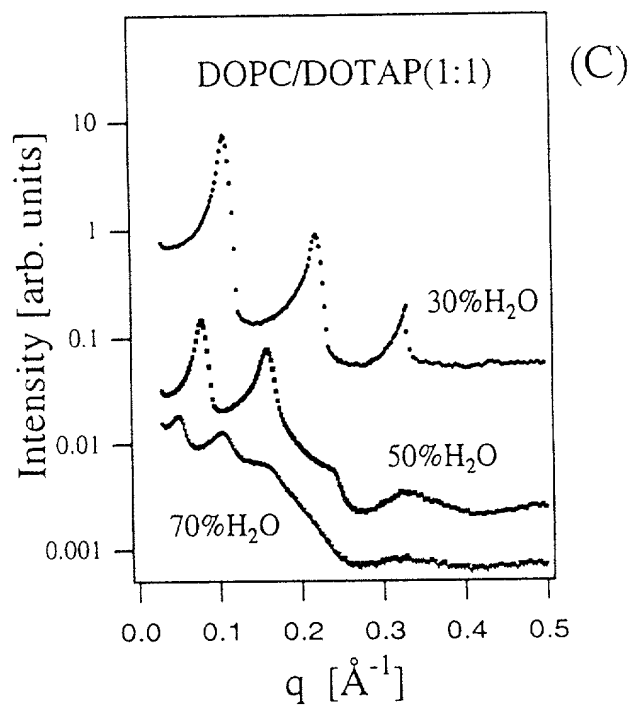


Figure 2(C)

10045078 103601

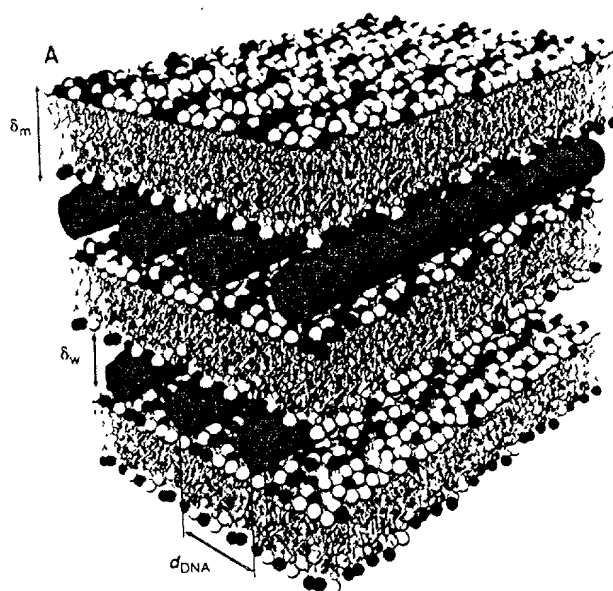


Figure 3 (A)

10045079 100001

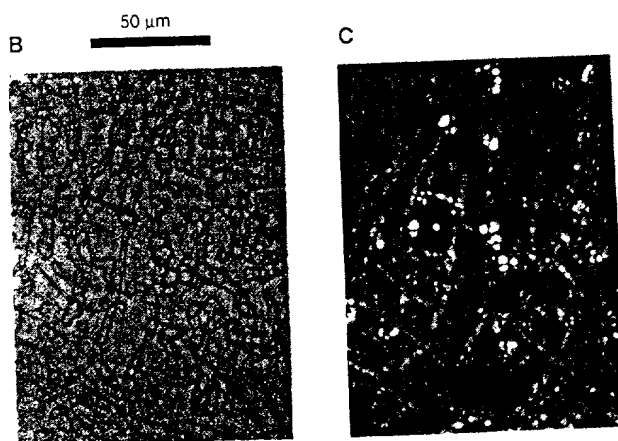


Figure 3 (B)

Figure 3 (C)

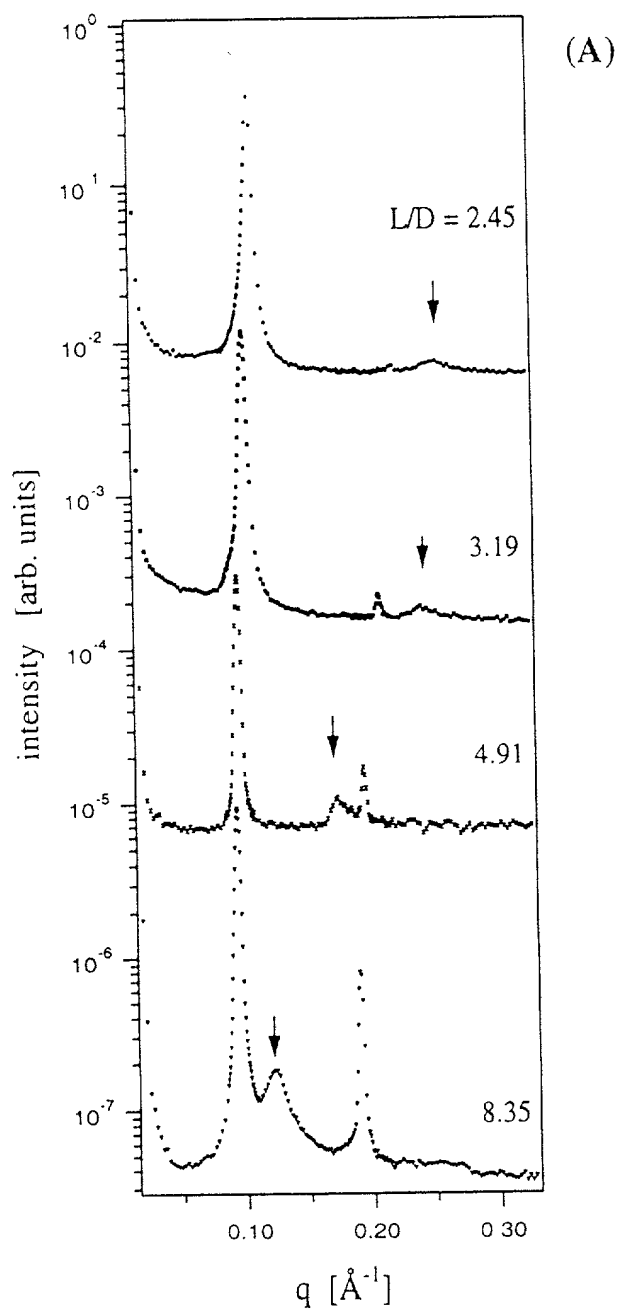


Figure 4(A)

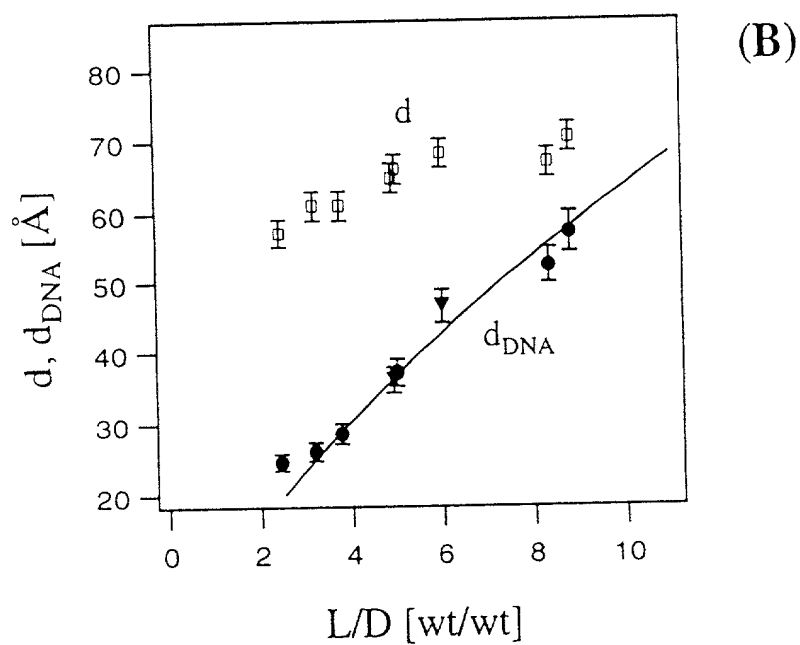


Figure 4(B)

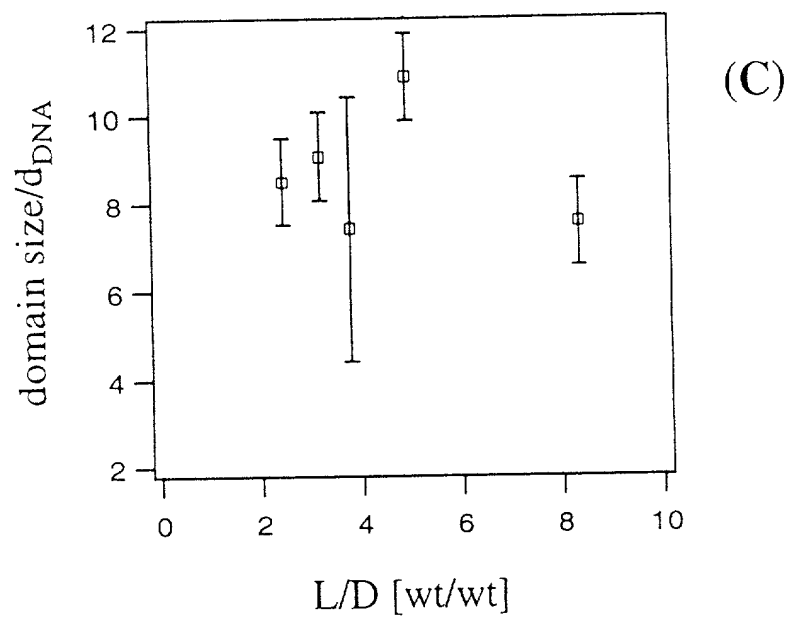
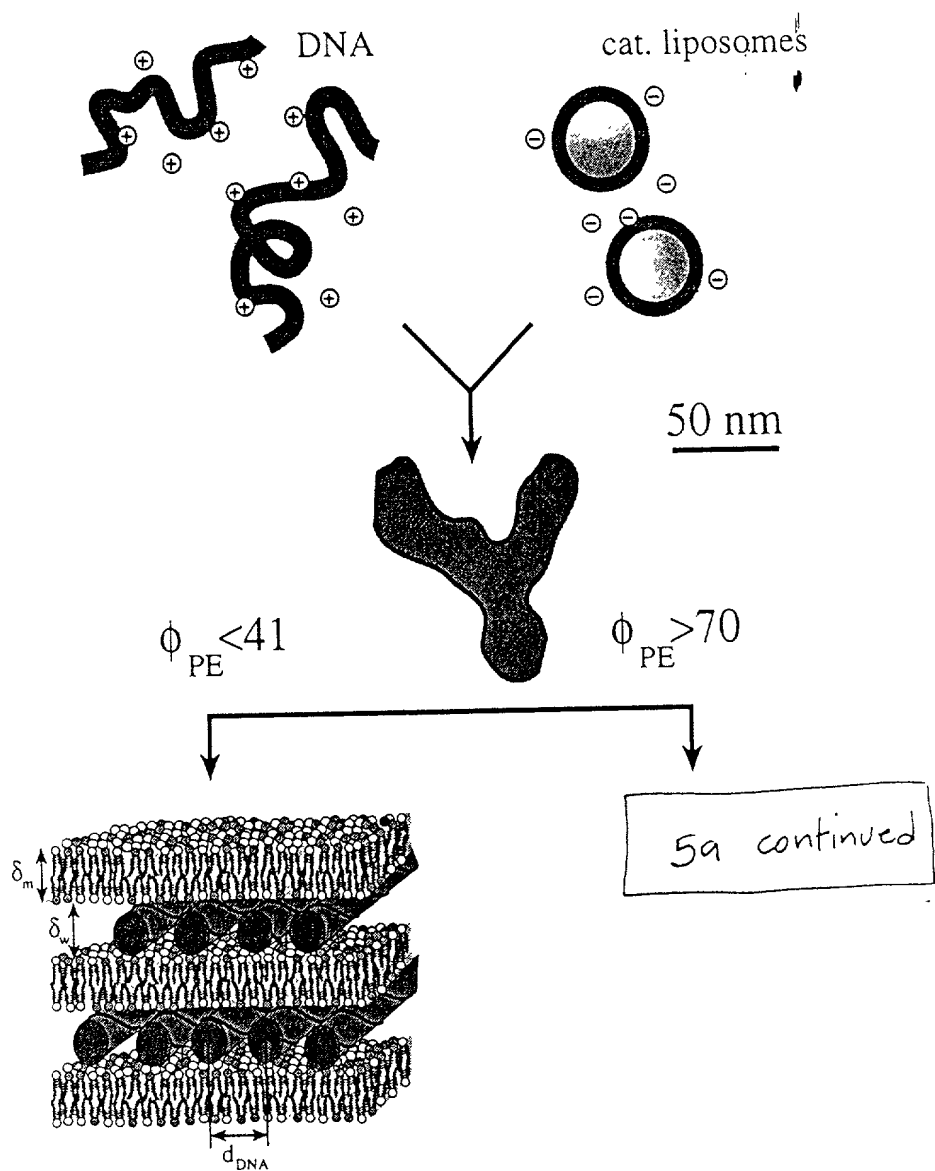


Figure 4(C)



(a)

Figure 5(a)

10015078-102601

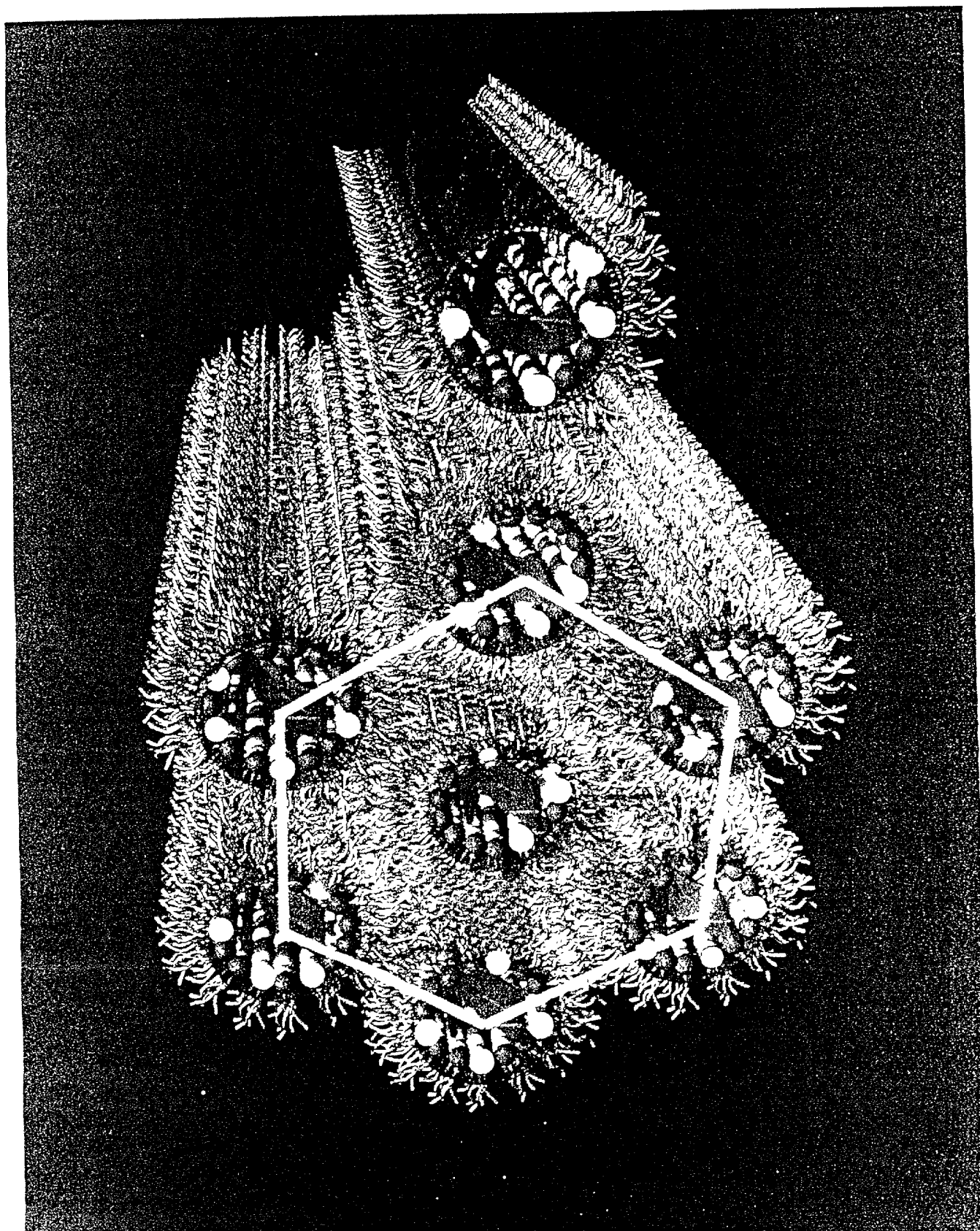


FIGURE 5 (a) (continuation)

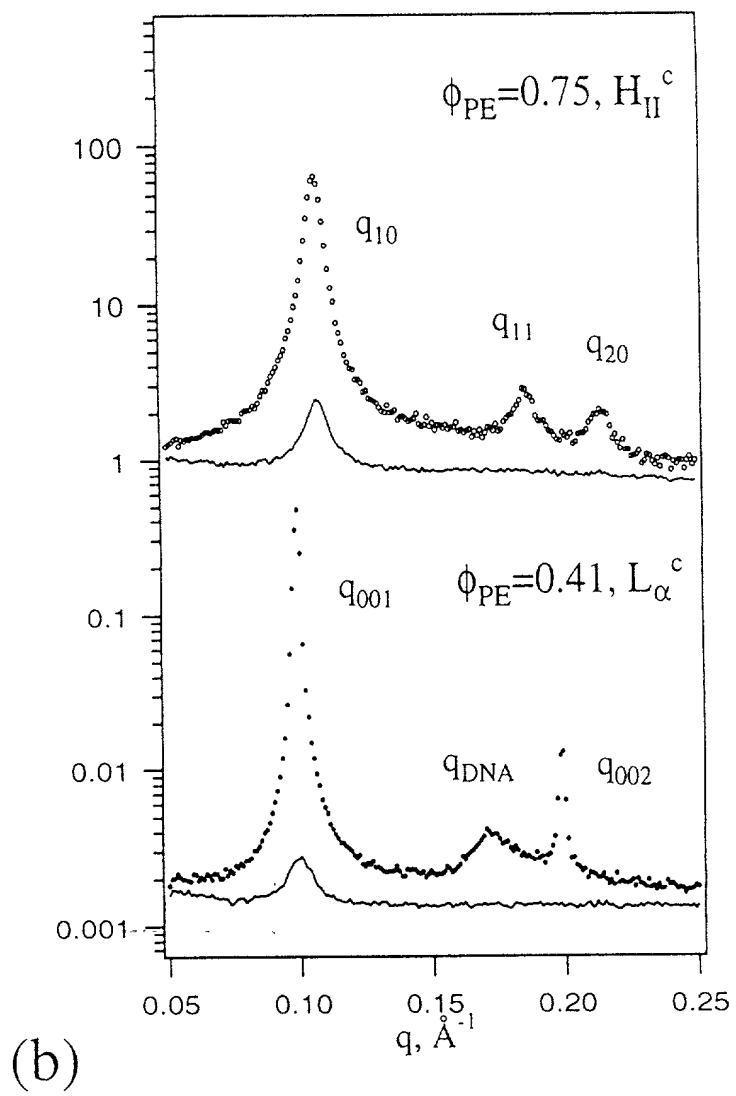


Figure 5(b)

Figure 1 displays a 4x3 grid of images showing the detection of various objects. The rows are labeled (a), (b), (c), and (d). Each row contains three images: the original noisy image, the detected object, and the detected object with a white scale bar.

- Row (a): A small, irregularly shaped object. The detected object is shown in the middle image, and the detected object with a white scale bar is in the right image.
- Row (b): A small, irregularly shaped object. The detected object is shown in the middle image, and the detected object with a white scale bar is in the right image.
- Row (c): A ring. The detected object is shown in the middle image, and the detected object with a white scale bar is in the right image.
- Row (d): A ring. The detected object is shown in the middle image, and the detected object with a white scale bar is in the right image.

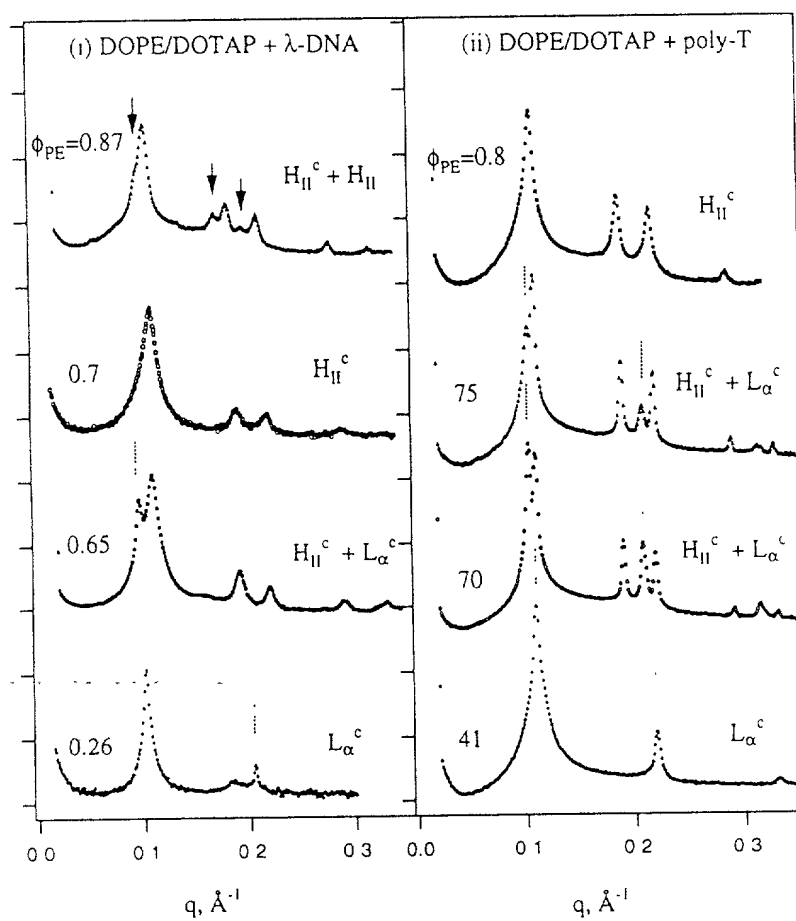
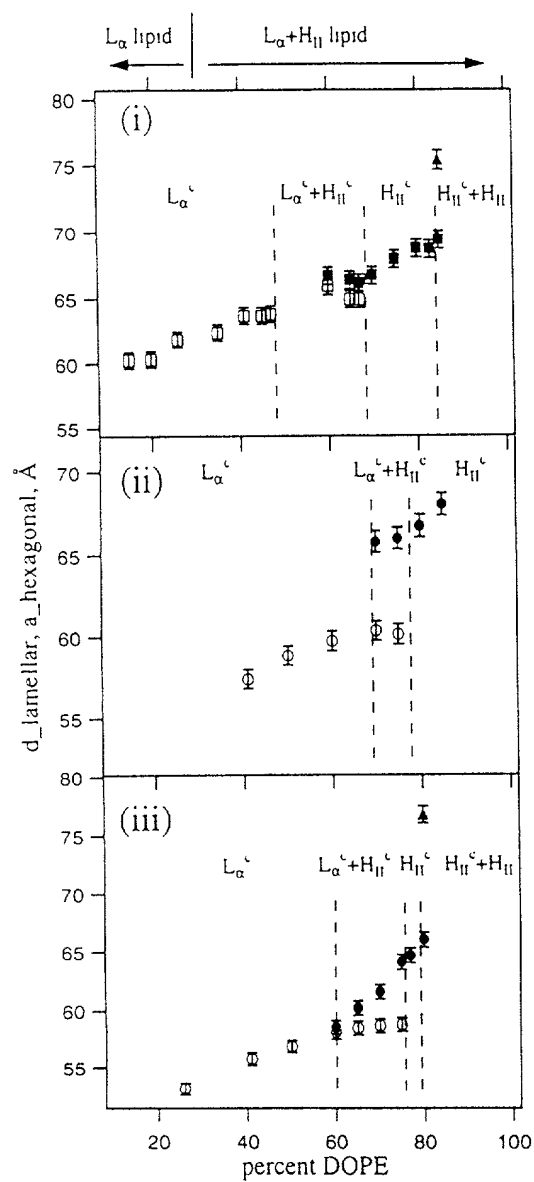
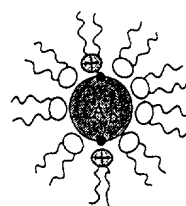


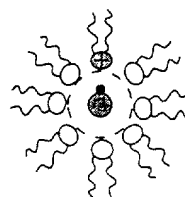
Figure 7



DOPE/DOTAP + λ -DNA



DOPE/DOTAP + poly-T



DOPE/DOTAP + PGA

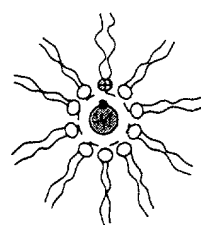


Figure 8

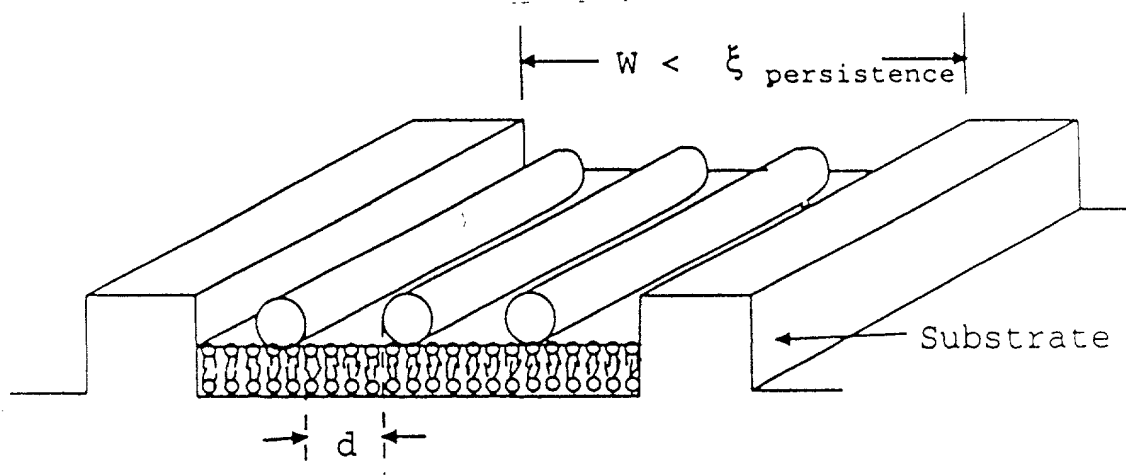


FIGURE 9

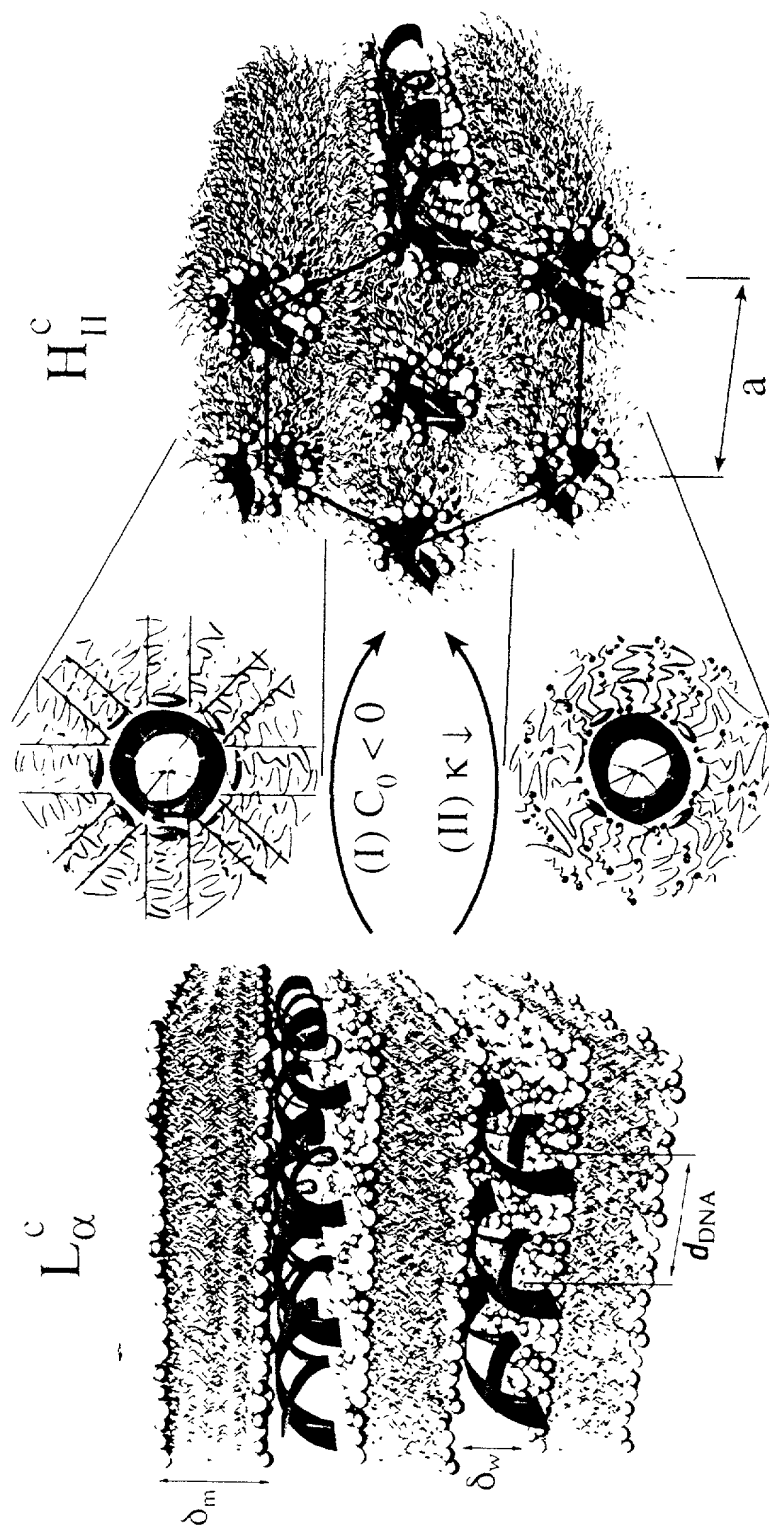


Figure 10

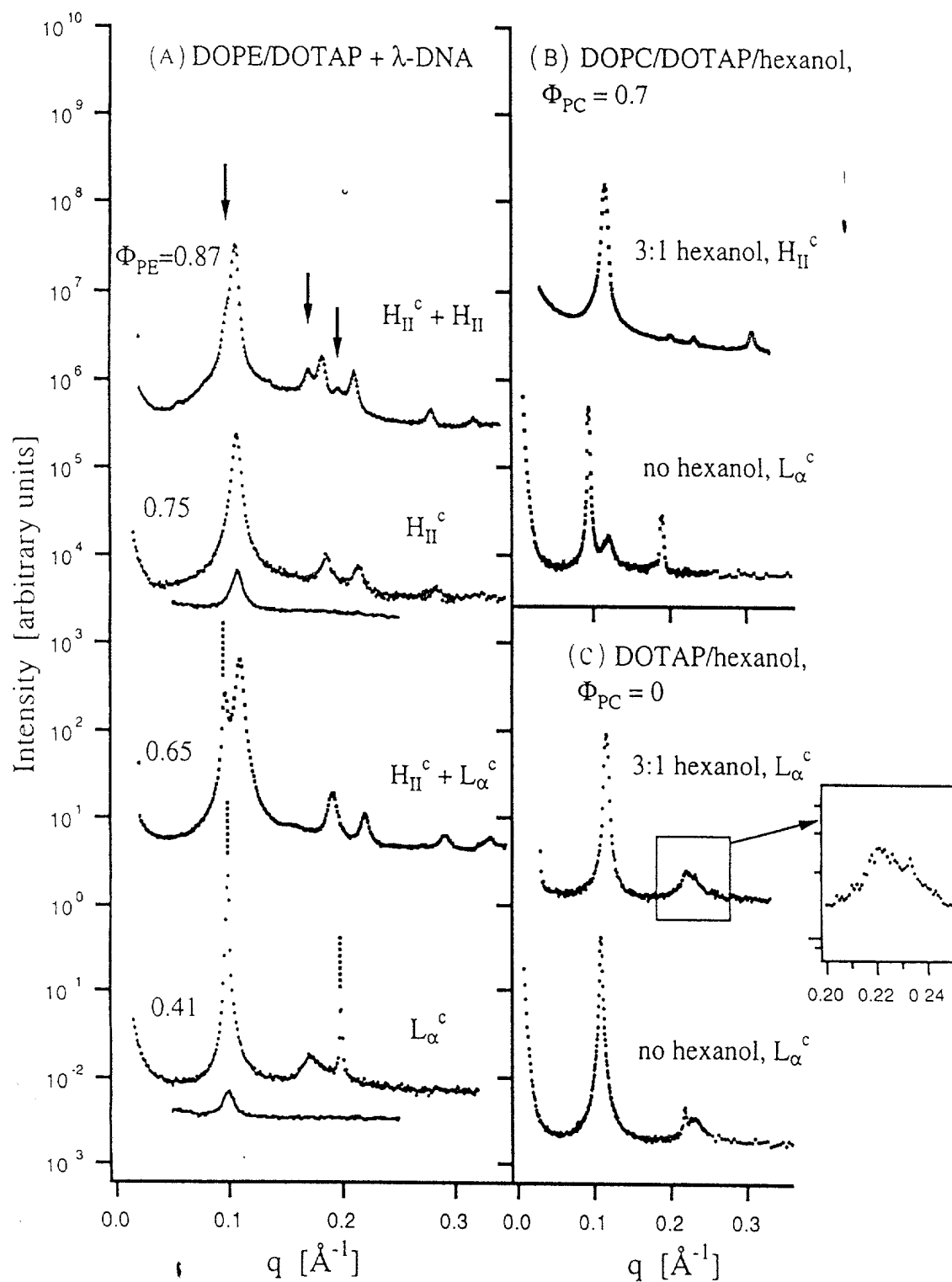


Figure 11

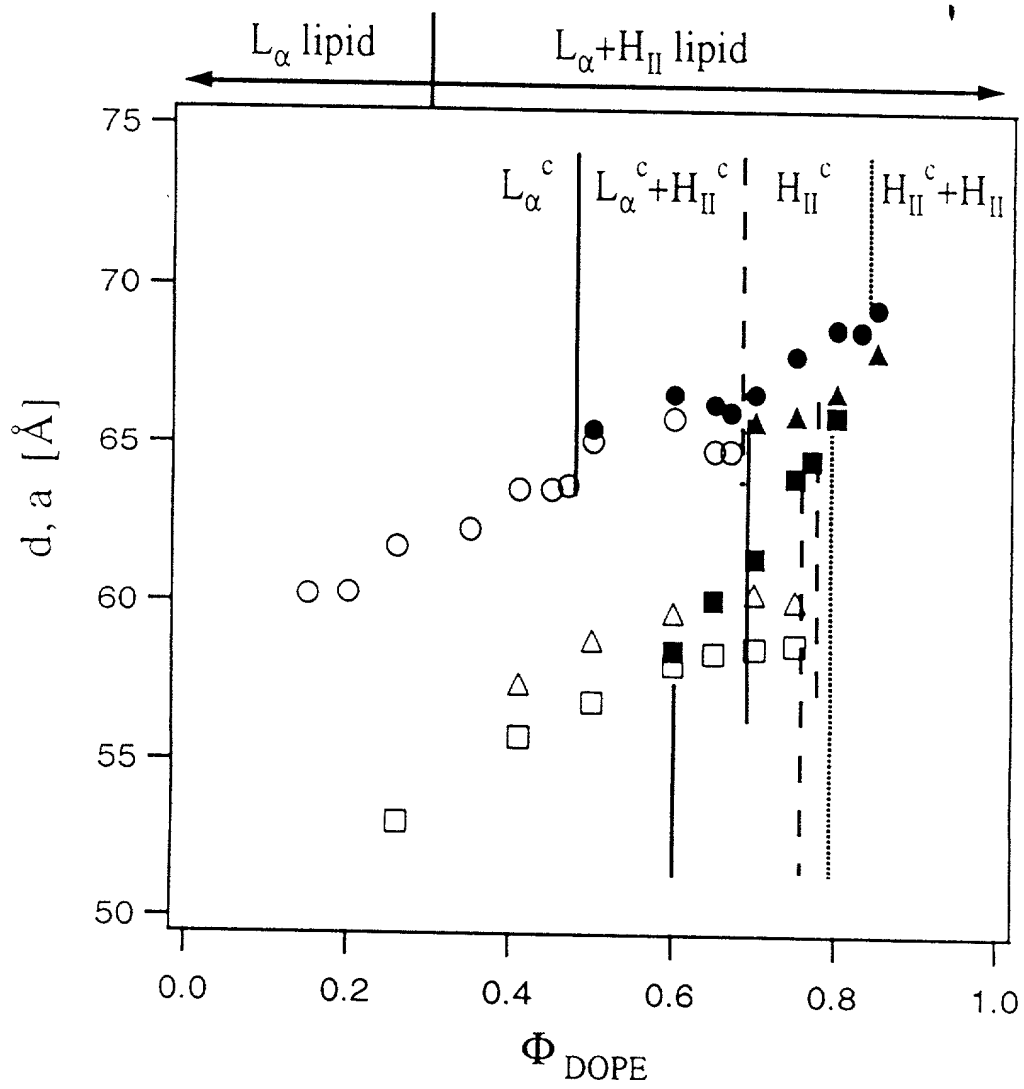


Figure 12

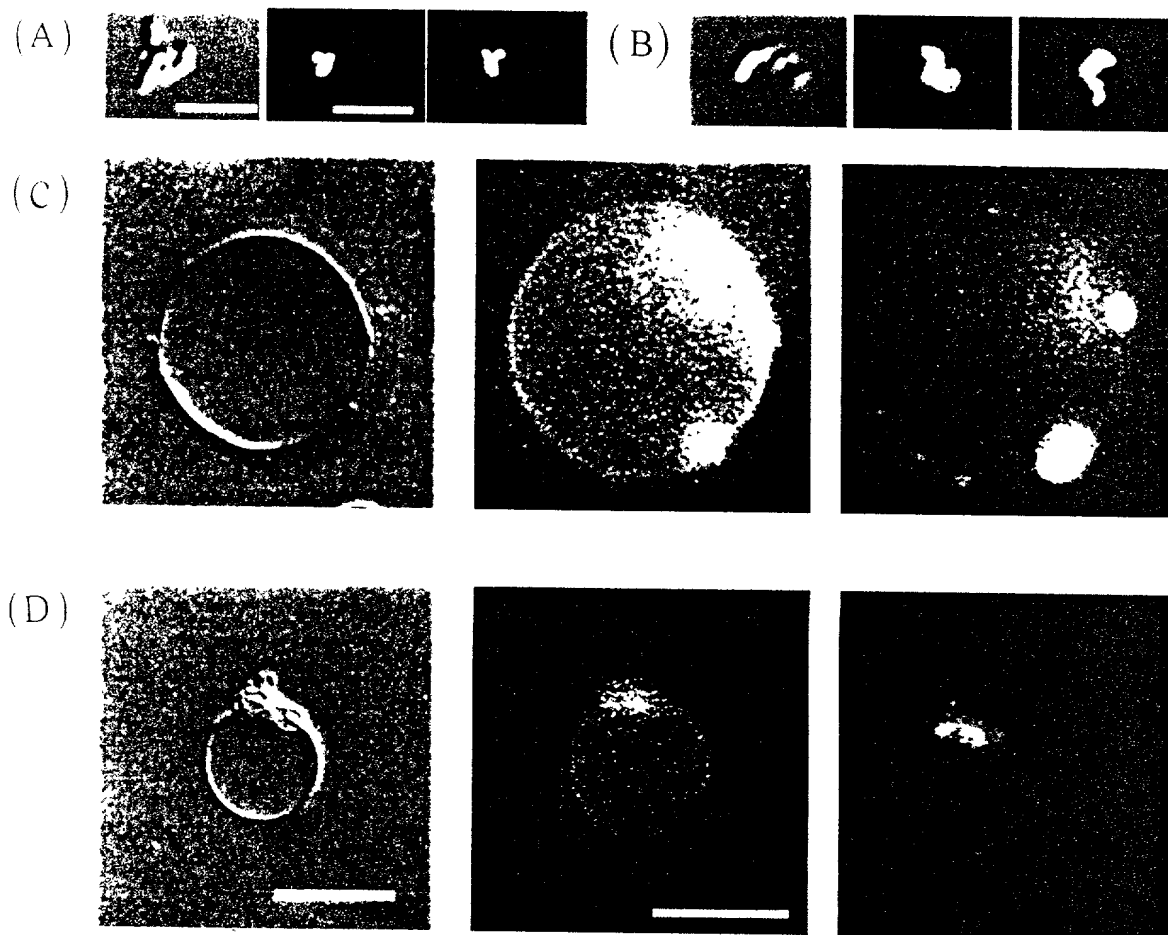


Figure 13

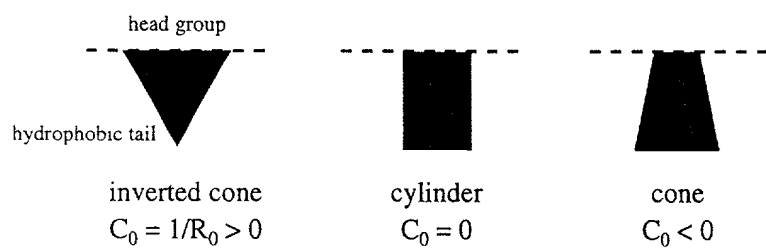


Fig. 14 Three possible shapes of common surfactant molecules as described in the text.